

Rabbit Anti-FCRL3/Cy5 Conjugated antibody

SL16066R-Cy5

Product Name	Anti-FCRL3/Cy5
Chinese Name	Cy5 标记的 CD307c 抗体
Alias	CD307c; Fc receptor homolog 3; Fc receptor-like protein 3; FcR-like protein 3; FcRH3; FcRL3; FCRL3_HUMAN; hIFGP3; IFGP family protein 3; IFGP3; Immune receptor translocation-associated protein 3; Immunoglobulin superfamily receptor translocation associated protein 3; IRTA3; SH2 domain-containing phosphatase anchor protein 2; SPAP2.
Research Area	Cell biology immunology The cell membrane 受体
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human) ICC/IF=1:50-200,IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	79kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human FCRL3
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	background: This gene encodes a member of the immunoglobulin receptor superfamily and is one of several Fc receptor-like glycoproteins clustered on the long arm of chromosome 1. The encoded protein contains immunoreceptor-tyrosine activation motifs and immunoreceptor-tyrosine inhibitory motifs in its

cytoplasmic domain and may play a role in regulation of the immune system. Mutations in this gene have been associated with rheumatoid arthritis, autoimmune thyroid disease, and systemic lupus erythematosus. [provided by RefSeq, Jul 2008]

Subcellular Location:

Cell membrane.

Tissue Specificity:

Primarily expressed in secondary lymphoid tissues by mature subsets of B cells. Detected in spleen, lymph node, peripheral blood lymphocytes, thymus, bone marrow, kidney, salivary gland, adrenal gland and uterus. Expressed a low levels in naive, germinal center and memory B cells but also expressed in NK cells (at protein level).

Post-translational modifications:

Phosphorylated on cytoplasmic tyrosines; required for interaction with protein tyrosine phosphatases and protein tyrosine kinases.

DISEASE:

Genetic variation in FCRL3 may be a cause of susceptibility to rheumatoid arthritis (RA) [MIM:180300]. It is a systemic inflammatory disease with autoimmune features and a complex genetic component. It primarily affects the joints and is characterized by inflammatory changes in the synovial membranes and articular structures, widespread fibrinoid degeneration of the collagen fibers in mesenchymal tissues, and by atrophy and rarefaction of bony structures.

Genetic variation in FCRL3 may influence susceptibility to Graves disease, an autoimmune disorder associated with overactivity of the thyroid gland and hyperthyroidism.

Similarity:

Contains 6 Ig-like C2-type (immunoglobulin-like) domains.

Database links:

[Entrez Gene: 115352](#) Human

[Omim: 606510](#) Human

[SwissProt: Q96P31](#) Human

[Unigene: 292449](#) Human



SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

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